

DECLARATION AND POWER OF ATTORNEY

I, Steven (NMI) BURNETT, declare that I am a citizen of United Kingdom and that I reside at England, United Kingdom; and that I believe I am the original and first inventor of the subject matter which is claimed and for which a patent is sought on the invention entitled:

MODULATION OF EJECTOR PUMPS TO PROVIDE UNIFORM AND CONTROLLABLE EJECTOR SPEED DURING EJECTOR STROKE FOR ARTICULATED TRUCKS AND THE LIKE HAVING EJECTOR TYPE DUMP MECHANISM

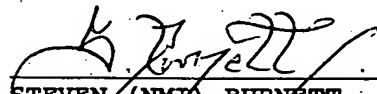
the specification of which is attached hereto.

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims.

I acknowledge the duty to disclose to the Patent and Trademark Office all information known to be material to patentability as defined in §1.56. I further declare that no application for patent or inventor's certificate on this invention has been filed in any country foreign to the United States of America prior to this application by me or my legal representatives or assigns.

I hereby appoint Thomas B. Lindgren, Patent Office Reg. No. 30,867, telephone (309) 675-5089, Joseph W. Keen, Patent Office Reg. No. 28,432, telephone (309) 675-5753, and Stephen L. Noe, Patent Office Reg. No. 30,482, telephone (309) 675-4014, our attorneys and/or agents, with full power of substitution and revocation, to prosecute this application and to transact all business in the Patent and Trademark Office connected with this application. Please address all correspondence to Thomas B. Lindgren, Caterpillar Inc., Patent Department, AB6490, 100 N.E. Adams Street, Peoria, Illinois 61629-6490.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements are made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.


STEVEN (NMI) BURNETT

15 MAR 99
Date

Post Office Address: 11 Matterdale Road
Durham
England
SR8 5LF
UNITED KINGDOM

DECLARATION AND POWER OF ATTORNEY

I, PETER F. PRILLINGER, declare that I am a citizen of United States and that I reside at Dunlap, Illinois; and that I believe I am the original and first inventor of the subject matter which is claimed and for which a patent is sought on the invention entitled:

MODULATION OF EJECTOR PUMPS TO PROVIDE UNIFORM AND CONTROLLABLE EJECTOR SPEED DURING EJECTOR STROKE FOR ARTICULATED TRUCKS AND THE LIKE HAVING EJECTOR TYPE DUMP MECHANISM

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PETER F. PRILLINGER

3-17-99
Date

Post Office Address: 29 West Windflower Way
Dunlap, Illinois 61525
UNITED STATES OF AMERICA

DECLARATION AND POWER OF ATTORNEY

I, DAVID A. YOUNG, declare that I am a citizen of the United Kingdom and that I reside at England, United Kingdom, and that I believe I am the original and first inventor of the subject matter which is claimed and for which a patent is sought on the invention entitled:

MODULATION OF EJECTOR PUMPS TO PROVIDE UNIFORM AND CONTROLLABLE EJECTOR SPEED DURING EJECTOR STROKE FOR ARTICULATED TRUCKS AND THE LIKE HAVING EJECTOR TYPE DUMP MECHANISM

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DAVID A. YOUNG

17 MAR 99
Date

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PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of) Group Art Unit: 3652
STEVEN BURNETT, ET AL.) Examiner: Frank E. Werner
Application Number: 09/273,187)
Filed: March 19, 1999)
Title: MODULATION OF EJECTOR PUMPS)
TO PROVIDE UNIFORM AND)
CONTROLLABLE EJECTOR SPEED)
DURING EJECTOR STROKE FOR)
ARTICULATED TRUCKS AND THE)
LIKE HAVING EJECTOR TYPE)
DUMP MECHANISMS)
Attorney Docket No.: 99-194)

Peoria, Illinois 61629-6490

October 24, 2001

Assistant Commissioner for Patents
Washington, D.C. 20231

ASSOCIATE POWERS OF ATTORNEY

Sir:

The undersigned hereby appoints David W. Hill, Reg. No. 28,220; Christopher P. Isaac, Reg. No. 32,616; Stephanie Conis Gauthier, Reg. No. 40,569; Anthony M. Gutowski, Reg. No. 38,742; Timothy M. Hsieh, Reg. No. 42,672; Darren Jiron, Reg. No. 45,777; Kurt A. Luther, Reg. No. 43,764; Roland McAndrews, Reg. No. 41,450; Kristen Osenga, Reg. No. 45,811; Leonard Smith, Jr., Reg. No. 45,118; Jay A. Stelacone, Reg. No. 42,168; Jeanne M. Tanner, Reg. No. 45,156; Douglas S. Weinstein, Reg. No. 43,249; and Naoki Yoshida, Reg. No. 48,108, as Associate Powers of Attorney in the above-

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-2-

identified application with full power to prosecute the application and to transact all business in the U.S. Patent and Trademark Office connected therewith.

Respectfully submitted,



J. W. Keen
Registration No. 28,432
Caterpillar Inc.

Telephone: (309) 675-5753

JWK:cah

Enc.